

MA 110 WORKSHEET (8.2) "EXTRA WORKSHEET 5"

Name \_\_\_\_\_

The following probabilities have been determined from a recent survey. The probability that a person favors the current president is 0.72. The probability that a person is male and favors the current president is 0.45. The probability that a person is female and does not favor the current president is 0.21.

A. Draw a Venn diagram that displays the survey results.

Use the diagram to determine the following:

B. a person does not favor the current president

C. a person is male or favors the current president

D. a person is not male or does not favor the current president

E. a person is male and does not favor the current president